LCD TV

Operating Manual

LC-27M6S

Before connecting, operating or adjusting this product, please read the manual completely.
Please keep this manual for future reference.

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Important Safety Precautions

Electrical energy can perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your LCD TV product, please read the following precautions carefully before using the product.

1. Read these instructions---All operating instructions must be read and understood before the product is operated.

2. Keep these instructions---These safety and operating instructions must be kept in a safe place for future reference.

3. Heed all warnings---All warnings on the product and in the instructions must be observed closely.

4. Follow all instructions---All operating instructions must be followed.

5.Attachments---Only use attachments/accessories specified by the manufacturer. Do not use attachments not recommended by the manufacturer. Use of improper attachments can result in accidents.

6. Power source---This product is intended to be supplied by a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system.

7.Power cord protection---Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

8.Overloading---Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.

9.Entering of objects and liquids---Never insert an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.

10. Servicing---Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

11.Damage requiring service---If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.
a. When the power cord or plug is damaged.
b. When a liquid is spilled on the product or when objects have fallen into the product.
c. When the product has been exposed to rain or water.
d. When the product does not operate properly as described in the operating instructions.
Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
e. If the product has been dropped or the cabinet has been damaged in any way.
f. When the product displays an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the product indicates that the product needs servicing.

12. Replacement parts---In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

13. Safety checks---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

14. Wall or ceiling mounting---When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer. This is a safety feature.

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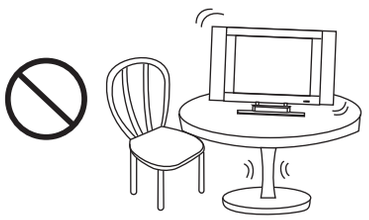
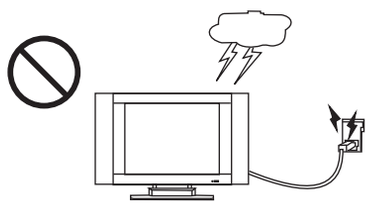
15. Stand---Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Do not place the product on an unstable trolley, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.



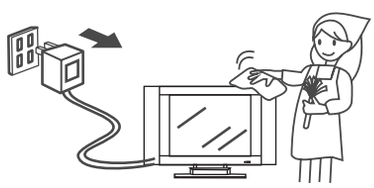
16.Careful move---When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.

17. Lightning---Unplug this apparatus during lightning storms or when unused for long periods of time.
For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.

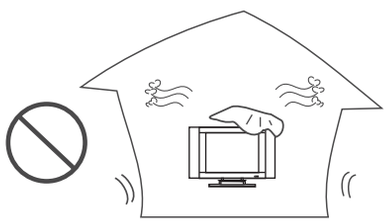


18. Do not use this apparatus near water---for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.
Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.

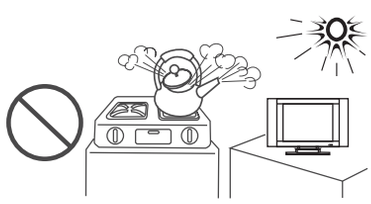
19. Clean only with dry cloth---Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.



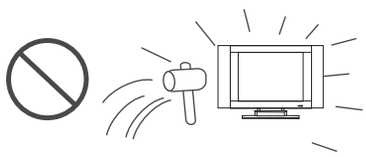
20. Ventilation---Do not block any ventilation openings. Install in accordance with the manufacturer instructions. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.



21.Heat sources---Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



22.Panel protection---The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects. Be careful not to be injured by broken glass pieces in case the LCD panel breaks.



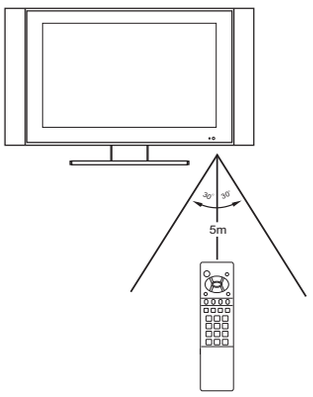
23.Pixel defect---The LCD panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

Preparations

Using the Remote Control

■ Use the remote control by pointing it towards the remote sensor window of the set. Objects between the remote control and sensor window may prevent proper operation.

***Note**: the illustration is for your reference only, the remote sensor may locate differently with different model.*



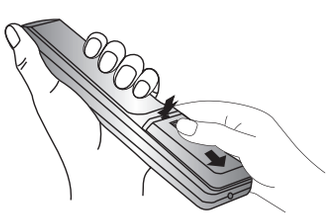
Cautions regarding use of remote control

■ Do not expose the remote control to shock. In addition, do not expose the remote control to liquids, and do not place in an area with high humidity.
■ Do not install or place the remote control under direct sunlight. The heat may cause deformation of the unit.
■ The remote control may not work properly if the remote sensor window of the main unit is under direct sunlight or strong lighting. In such a case, change the angle of the lighting or LCD TV set, or operate the remote control closer to the remote sensor window.

Batteries for the Remote Control

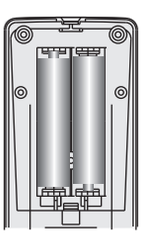
If the remote control fails to operate the LCD TV functions, replace the batteries in the remote control.

1 Open the battery cover.



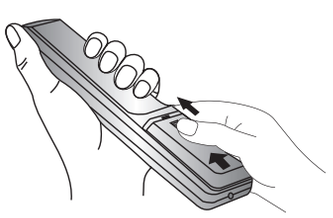
■ (Slide the cover while pressing down.)

2 Insert two size-AAA batteries.



■ (Place the batteries with their terminals corresponding to the (+) and (–) indications in the battery compartment.)

3 Replace the cover and slide in reverse until the lock snaps.



Precaution on battery use

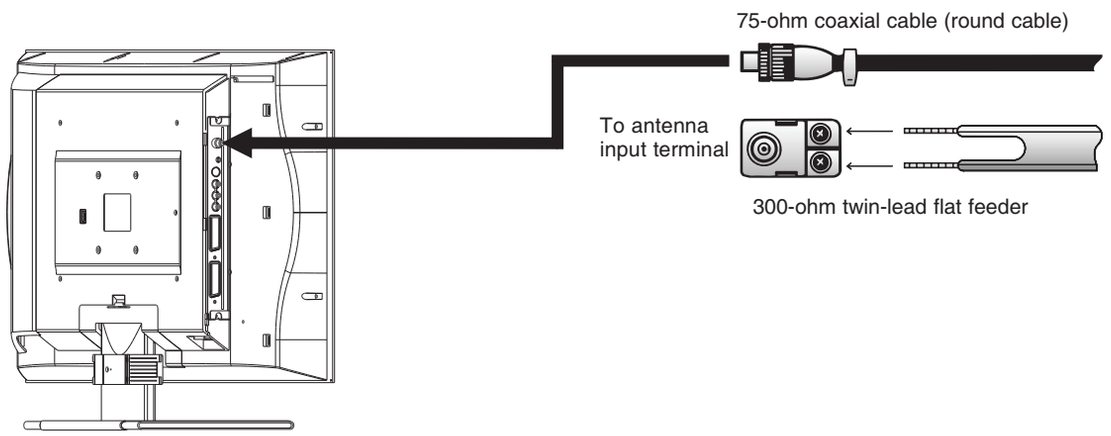
Improper use of batteries can result in a leakage of chemicals and/or explosion. Be sure to follow the instructions below.

■ Place batteries with their terminals corresponding to the (+) and (–) indications.
■ Different types of batteries have different characteristics. Do not mix batteries of different types.
■ Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries and/or cause old batteries to leak chemicals.
■ Remove batteries as soon as they are non-operable. Chemicals that leak from batteries can cause a rash. If chemical leakage is found, wipe with a cloth.
■ The batteries supplied with the product may have a shorter life expectancy due to storage conditions.
■ If the remote control is not used for an extended period of time, remove the batteries from the remote control.

Antenna Connection

INSTALL the unit in a room where direct light will not fall upon the screen. Total darkness or a reflection on the picture screen may cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

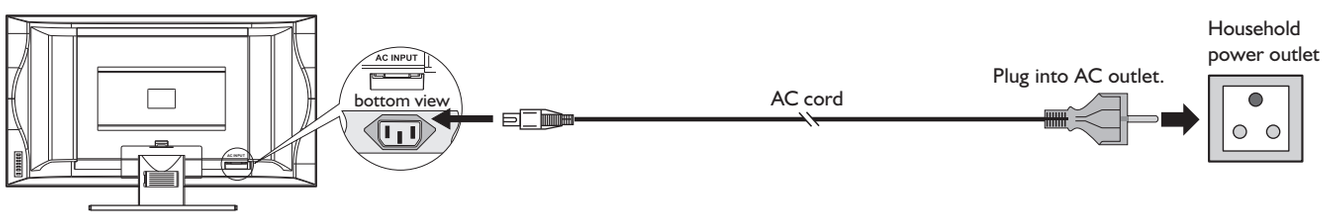
Optimum reception of color requires a good signal and will generally mean that an outdoor aerial must be used. The exact type and position of the aerial will depend upon your particular area.



Note:

It is recommended that the 75-ohm coaxial cable be used to eliminate interference and noise which may occur due to radio wave conditions.
The aerial cable should not be bundled with the power cord and the like.

Power Connection



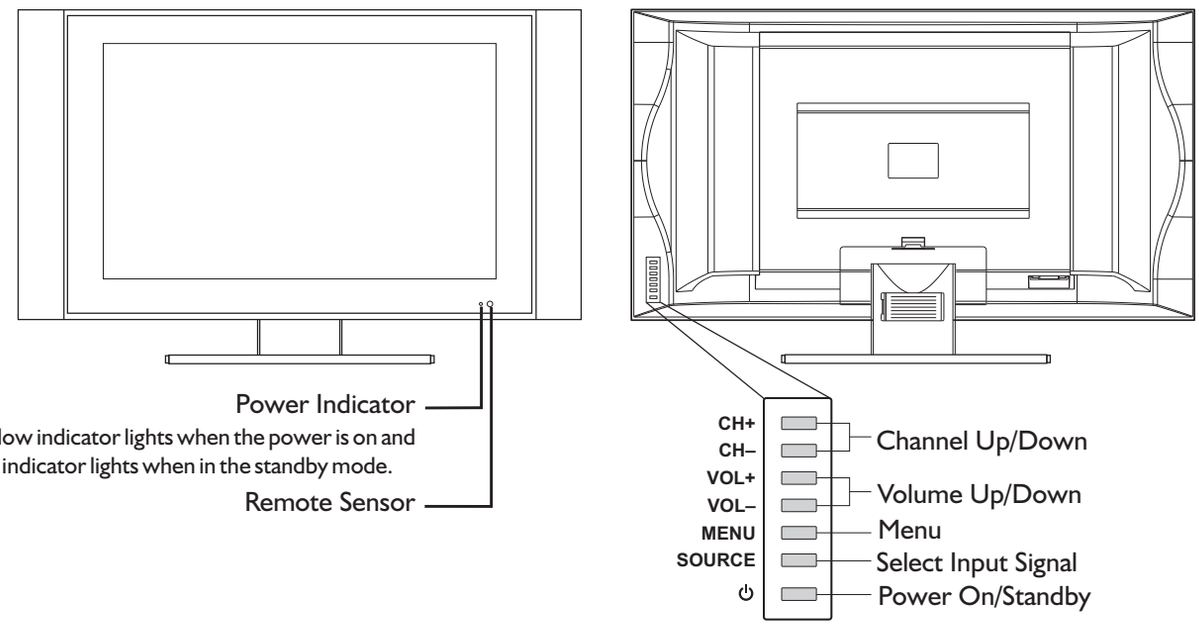
1. Connecting the female plug to the AC socket on the unit.
2. Connecting the male plug to the wall outlet as illustrated.

Note:

- *This product should be operated only from the type of power source indicated on the marking label.*
- *Always unplug the AC cord from power outlet when not using for a long period of time.*
- *This illustration is for reference only. The AC plug may be different on different models.*

Identification of Controls

Main unit



1. POWER⏻
Press this button to turn the unit ON from STANDBY mode. Press it again to turn the set back to STANDBY.

2. SOURCE
To access signal source select menu
In OSD Menu, press this button to confirm your setting or operation

3. MENU
Press this button to access the Menu main page

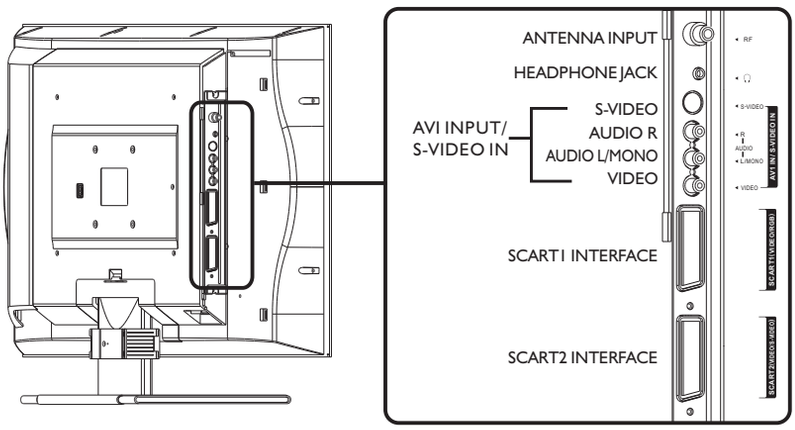
4. VOL+/-
Press the **VOL+** or **VOL-** button to directly increase or decrease the sound volume level;
In OSD Menu, press these buttons to adjust the value or setting of each item

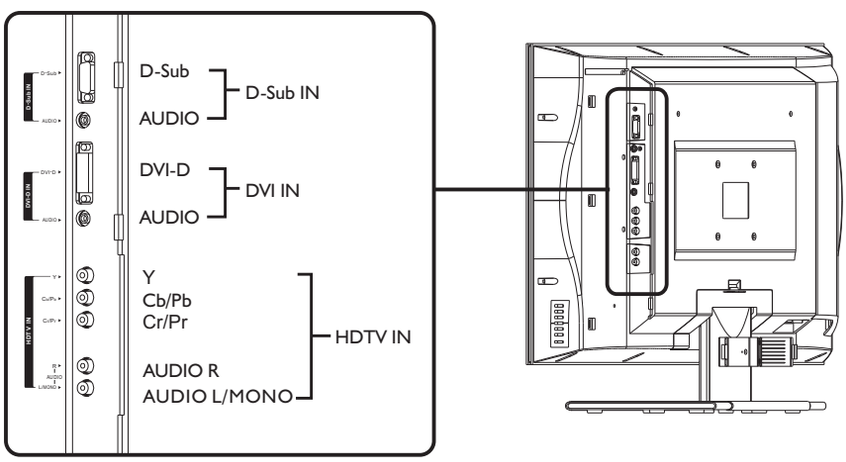
5. CH+/-
Press these two buttons to directly change the TV channel;
In OSD Menu, press these buttons to choose the OSD items

Note:

*Functions of **VOL+/-**, **CH+/-**, **MENU**, **SOURCE** and **POWER**⏻ are also provided to the remote control. This operation manual provides a description based on operating functions with the remote control.*

Main unit

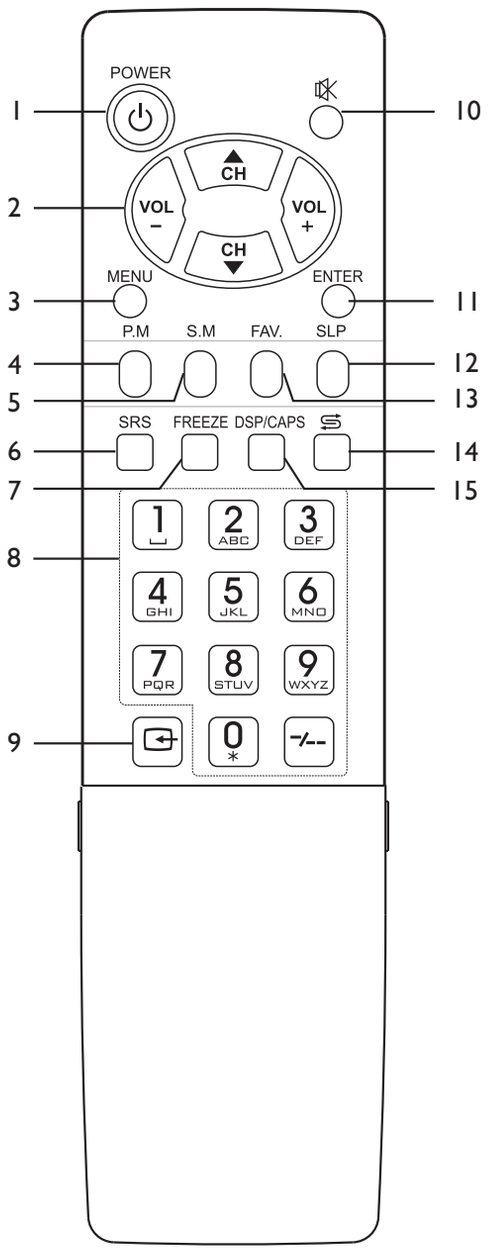


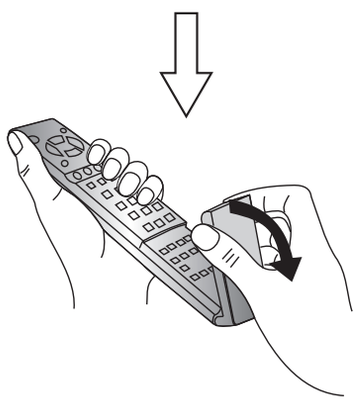


1. **Antenna input**
   Allows you to connect cable or outdoor antenna
2. **Headphone jack**
3. **AV1 inputs** (Video, Audio L/mono, R) / **S-Video input**
   Receive video/audio signals from external sources such as VCR or DVD player.
   Receive a S-Video signal from external source such as VCR or DVD player.
4. **21-pin Euro-SCART1 (VIDEO/RGB) interface**
5. **21-pin Euro-SCART2 (VIDEO/S-VIDEO) interface**
6. **D-Sub input /Audio in**
   Connect to the D-Sub/audio output jacks on your PC.
7. **DVI input /Audio in**
   Receives the digital video/audio signals from a set top box or PC.
8. **HDTV inputs** (Y, Pb/Cb, Pr/Cr, Audio L/MONO, R)
   Connect to the component and audio output jacks of a DVD player or Set-Top Box.

Identification of Controls (continued)

Remote Control

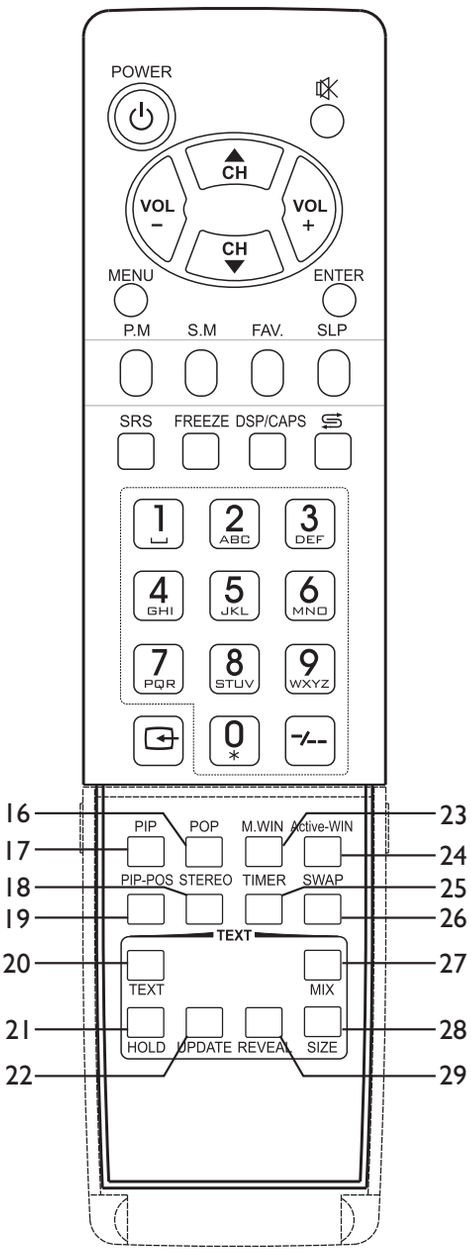




Flip the cover, open in the direction of the arrow.

1. POWER ⏻
   Turn the unit on or standby
2. CH▲/▼,VOL+/-
   CH▲/▼ — Use to switch channels;
   To display previous/next page (Teletext)
   VOL+/- — Use to adjust volume;
   In MENU operation, use CH▲/▼ to select item and VOL+/- to adjust selected item
3. MENU
   To access the MENU main page
   In Menu operation, press this button to return to a higher level menu
4. P.M
   To quickly select picture mode
   Red button (teletext)
5. S.M
   To quickly select sound mode
   Green button (teletext)
6. SRS
   To select SRS sound effect
7. FREEZE
   To freeze current picture
8. 0~9 digit buttons, -/-- button
   0~9: direct channel select;
   To input characters when editing channel label
   -/-- button: one digit/two digit/three digit channel number selector
9. SOURCE
   To access source select menu
10. MUTE 🔇
    Sound mute
11. ENTER
    To confirm your operation or setting
12. SLP
    To set sleep timer
    Blue button (teletext)
13. FAV.
    To cycle among all favorite channels
    Yellow button (teletext)
14. RETURN ⮌
    To quickly jump between current channel and last selected channel.
    To switch to previous source
15. DSP/CAPS
    To display current channel status
    To switch between uppercase and lowercase input mode when editing channel label.

Remote Control



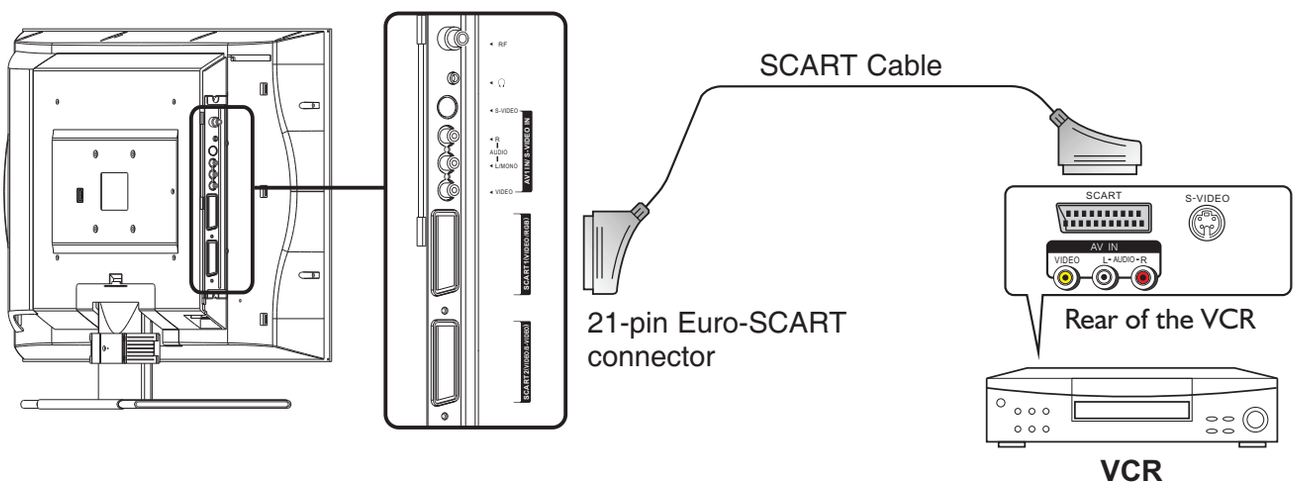
16. POP
    To activate picture-out-picture
17. PIP
    To activate picture-in-picture
18. STEREO
    To select stereo, mono or bilingual
    To rectify the picture automatically in D-Sub mode
19. PIP-POS
    To select PIP frame position
20. TEXT
    To enter/exit teletext mode (Teletext)
21. HOLD
    To hold the current teletext page temporarily (Teletext)
22. UPDATE
    To view update teletext page (Teletext)
23. M.WIN
    To select to view multi-window mode
24. Active-WIN
    To select main picture frame or PIP frame when viewing picture-in-picture
25. TIMER
    To set current time, turn-off timer or turn-on timer
26. SWAP
    In full screen of TV program, press this button to access channel editing mode
    When viewing PIP TV program, press this button to exchange the Contents of the PIP Image and Main Image
27. MIX
    To superimpose text on a TV picture (Teletext)
28. SIZE
    To expand top half or bottom half page of current screen (Teletext)
29. REVEAL
    To display hidden information such as solutions to riddles and puzzles. (Teletext)

Connections

Cautions before connecting

- Carefully check the terminals for position and type before making any connections.
- The illustration of the external equipment may be different depending on your model.
- Loose connectors can result in image or color problems. Make sure that all connectors are securely inserted into their terminals.
- Refer to the operating manual of the external device as well.
- When connecting an external device, turn the power off to avoid any issues.

Connect a VCR

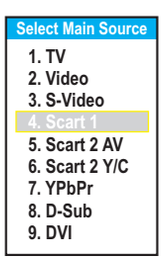


How to connect:

Connect the Scart Cable between the unit and the VCR.

To play VCR

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ to select **SCART1** and press **ENTER** to confirm.
3. Turn on your VCR , insert a videotape and press the Play button.



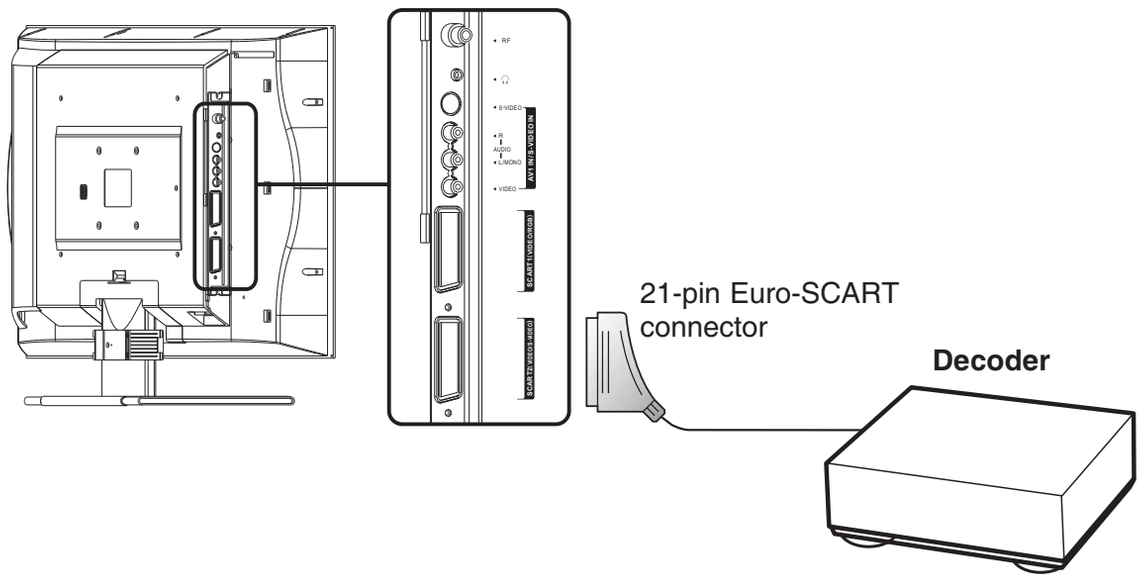
Specification of SCART1 interface

1 Audio output B (right)	8 Function select (AV control)	15 Red input
2 Audio input B (right)	9 Ground (green)	16 RGB switching control
3 Audio output A (left)	10 Comms data 2	17 Ground (CVBS input & output)
4 Ground (audio)	11 Green input	18 Ground (RGB switching control)
5 Ground (blue)	12 Comms data 1	19 CVBS output
6 Audio input A (left)	13 Ground (red)	20 CVBS input
7 Blue input	14 Ground (blanking)	21 Common ground (shield)

Note:

*The unit receives **CVBS (VIDEO)** signal and **RGB** signal from **SCART1** interface and is able to identify the signal format automatically. The unit chooses the **RGB** signal prior to the **CVBS (VIDEO)** signal.*

Connect a Decoder

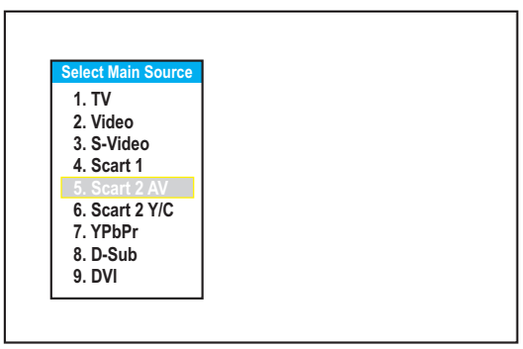


How to connect:

Connect the Scart Cable between the unit and the decoder.

To watch Decoder

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ to select **SCART 2 AV** and press **ENTER** to confirm.
3. Turn on your deocder.



Specification of SCART 2 interface

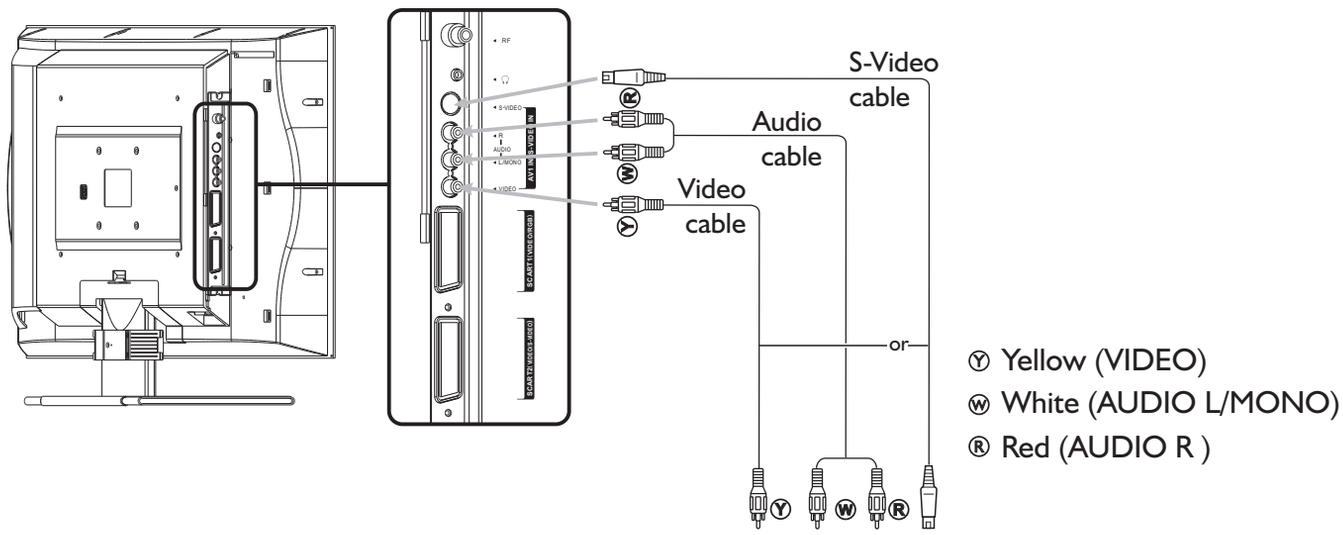
1	Audio output B (right)	9	Ground	17	Ground (video input & output) (luminance ground)
2	Audio input B (right)	10	Comms data 2		
3	Audio output A (left)	11	-	18	-
4	Ground (audio)	12	Comms data 1	19	Video output (composite)
5	Ground	13	Ground (chrominance)	20	CVBS/Luminance input
6	Audio input A (left)	14	Ground (blanking)	21	Common ground (shield)
7	-	15	Chrominance input		
8	Function select (AV control)	16	-		

Note:

- *The unit receives **CVBS (VIDEO)** signal and **Y/C (S-VIDEO)** signal from **SCART2** interface.*
- *When receiving **Y/C** signal, you need to select **SCART 2 Y/C** instead of **SCART 2 AV** in the source select menu. Therefore, if you find that the color is not properly displayed, please try to select **SCART 2 Y/C**.*

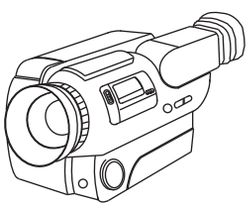
Connections (continued)

Connect AV1 or S-Video inputs

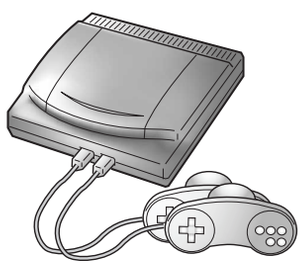


Examples of external devices that can be connected

VCR



Video Camera



Home video game system

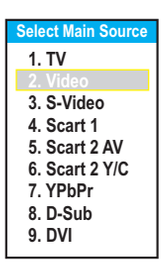
The unit provides Audio/Video inputs for you to connect external devices such as VCR, Video Camera or Home video game system.

How to connect:

Connect the Audio/Video cables between the Audio (L/R)/Video jacks on the unit and external devices.

To view signal from AV1/S-VIDEO inputs

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ to select **Video** or **S-Video** and press **ENTER** to confirm.
3. Turn on the external device and play it.

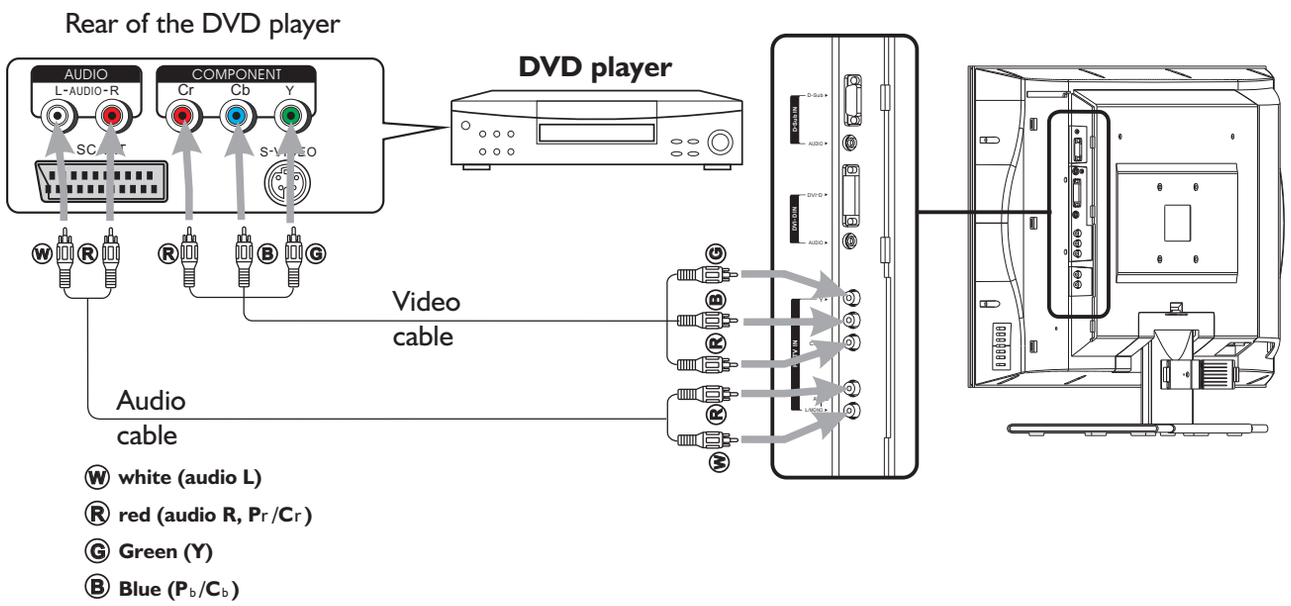


Note:

*For better video, you can use the **S-video** terminal if your source supports it. If you are going to use **S-video** terminal, please select **S-Video** instead of **Video** in source menu.*

*The **Video** input terminal on the **AV1 IN** and the **S-Video** input terminal share the same **Audio** input terminals.*

Connect a DVD Player



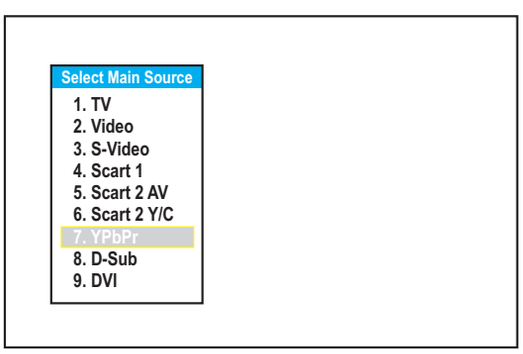
How to connect a DVD Player using Component Video Connections:

Connect the Video cable between the Y, Cb, Cr input jacks on the unit and Y, Cb, Cr output jacks on the DVD player.

Connect the Audio cable between the AUDIO input jack on the unit and AUDIO output jacks on the DVD player.

To play DVD

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ to select **YPbPr**.
3. Press **ENTER** to confirm.
4. Turn on your DVD player, insert a DVD disc and press the Play button.

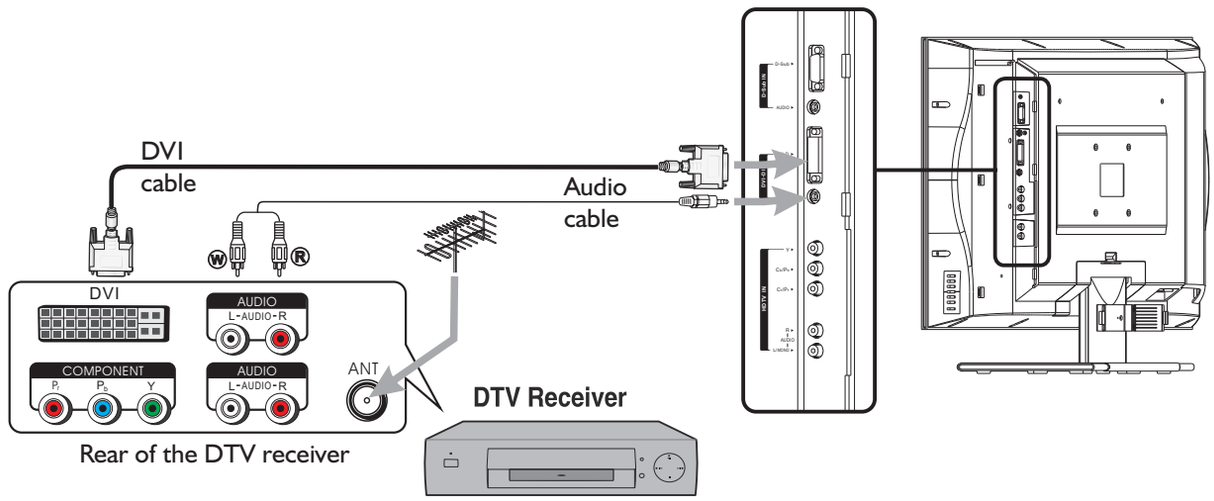


Note:

The Y, Cb, Cr outputs on your DVD player are sometimes labeled Y, Pb, Pr or Y, B-Y, R-Y. If so, connect the cables to like colors.

Connections (continued)

Connect a DTV receiver

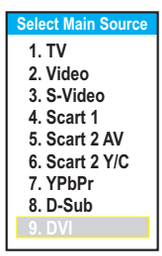


How to connect:

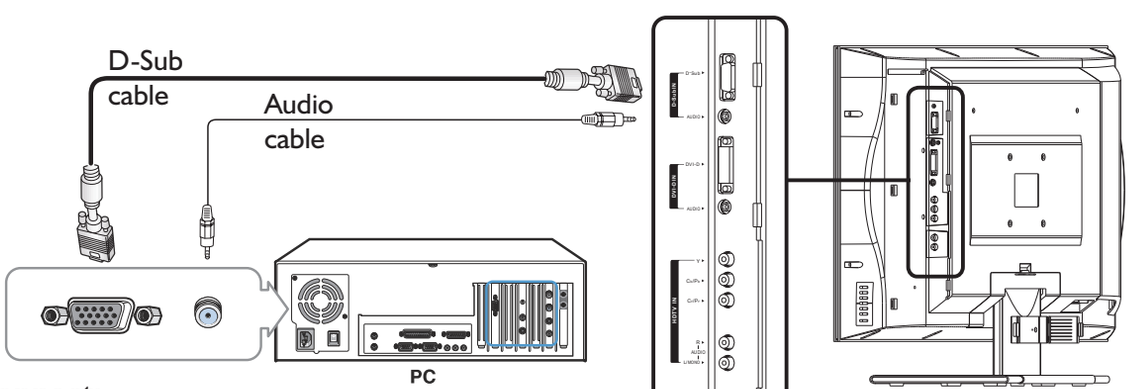
Connect the cable or antenna to the antenna input jack on the DTV receiver.
Connect the DVI cable between the DVI input interface on the unit and DVI output interface on the DTV receiver .
Connect the Audio cable between the AUDIO input jack on the unit and AUDIO output jacks on the DTV receiver.

To Watch DTV

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ to select **DVI**.
3. Press **ENTER** to confirm.
4. Turn on your DTV receiver.



Connect a PC

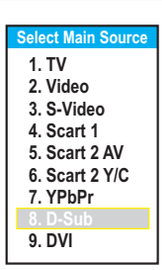


How to connect:

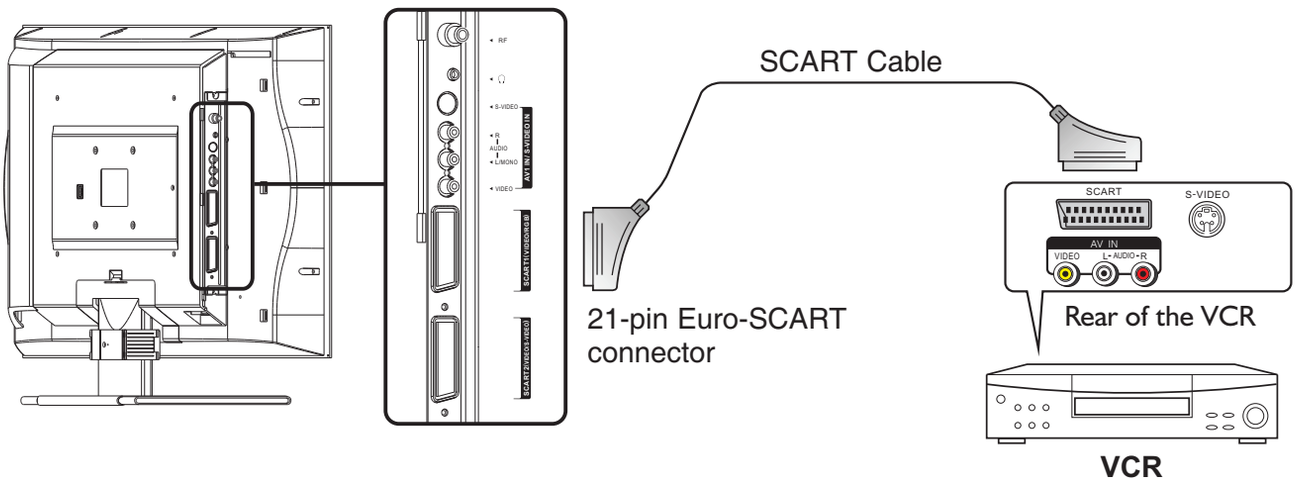
Connect a D-Sub cable between the D-Sub interface on the PC and the D-Sub interface on the unit.
Connect an Audio cable between the AUDIO output on the PC and AUDIO input jack on the unit.

To Watch the PC screen

1. Turn on your LCD TV , press **SOURCE** button on the remote control.
2. Press **CH** ▲/▼ *to select* ***D-Sub*** *(D-Sub).*
3. Press **ENTER** to confirm.
4. Turn on your PC and check for PC system requirements.
5. Adjust the PC screen.



Connect a VCR for recording



How to connect:

Connect the 21-pin Euro-Scart Cable between the Scart Interface on the unit and VCR.

To record program

1. Turn on your LCD TV, select a program you wish to record.
2. Turn on your VCR, insert a videotape for recording.
3. Press the Record button to begin recording.

Note:

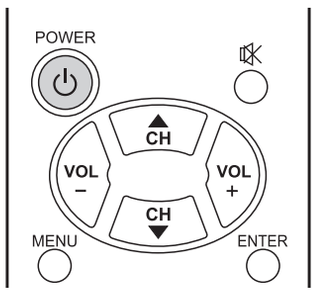
- *The **SCART1** always outputs the **TV** program, therefore, when the unit is not in TV mode and you would like to record TV program, please connect the VCR to the **SCART1** interface.*
- *The **SCART2** outputs **TV** or **AV** signal which is displayed on the screen.*
- *The signal inputted from **SCART, D-Sub**, **DVI** or **YPbPr/YCbCr** terminals can not be output again.*

Turning the Unit On and Off

Turning the Unit On and Off

Turning On

Insert the power cord into the wall outlet.
Press the **Power** ⏻ button on the remote control.
The unit will be turned on and you will be ready to use it's features.



Turning Off

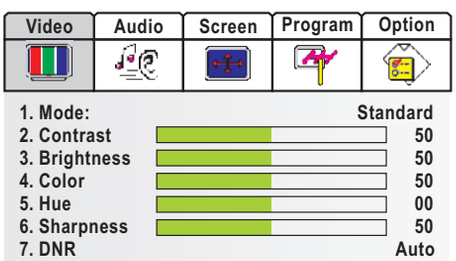
With the power on, Press the **Power** ⏻ button on the remote control to turn off.

Note:

■ *You can also use the **Power** ⏻ button on the Control panel on the main unit.*

Viewing the Menus and Displays

Your LCD TV has a simple, easy-to-use menu system that appears on the screen. This system makes it convenient and fast to use features on the unit.

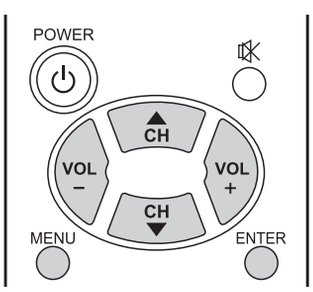


Viewing the Menus

1 With the power on, press the **MENU** button on the remote control. The main menu appears on the screen.

2 Use the **VOL+/-** to select menu page. Use **CH▲/▼** to activate the menu page.

3 Use the **CH▲/▼** to select item. Use **VOL+/-** to adjust value or setting of each item. Use **MENU** to exit menu system.
On-screen menu will disappear from the screen automatically after some seconds , or you can press the **MENU** button repeatedly to exit the menu system.

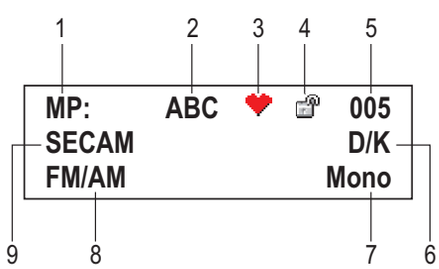


Note:

- ■ *In Menu operations, you may use the **SOURCE** button on the unit to confirm your operation or setting just as the **ENTER** button on the remote control.*
- ■ *In Menu operations, you may use **CH▲/▼** to select item or just press the relevant number button according to the number indicated on the left of the menu item.*
- ■ *To clearly introduce the menu operations, this operation manual provides a description based on operation with the remote control.*

Displaying Status Information

The unit displays current status information (e.g. channel number, channel name, channel locking status, color and sound system or stereo mode) by pressing the **DSP/CAPS** button.



1. Information for main picture frame
2. Current channel name
3. Favorite channel icon
4. Locked status icon
5. Current channel number
6. Sound system
7. Stereo mode
8. Nicam status
9. Color system

Note:
Some of the above items are not always displayed on the screen and they are subject to your settings.

Your LCD TV can memorize and store all of the available channels. After the available channels are memorized, use **CH ▲ / ▼** to scan through the available stations.

Select a Region

Before you start automatic search, it is necessary to select a region firstly.

1 Press **MENU** to display the menu main page.

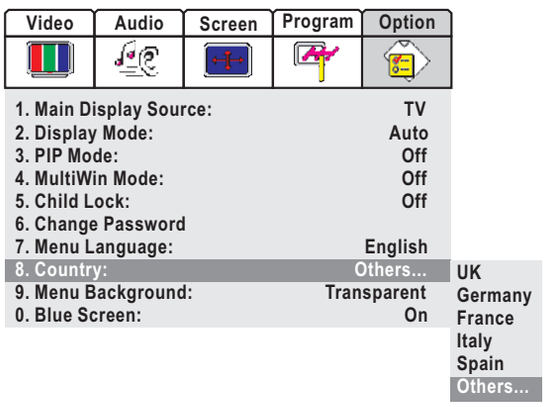
2 Press **VOL+/-** repeatedly to display **Option** menu page.

3 Press **CH ▼** repeatedly to select **Country** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH ▲ / ▼** to select a region.
Please select a proper region according to your area.
To search and memorize the SECAM-L/L' programs, you need to select [France].

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.



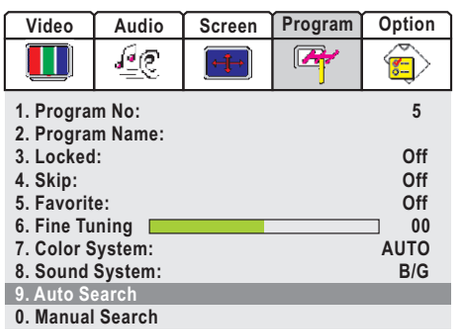
Storing Channels in Memory Automatically

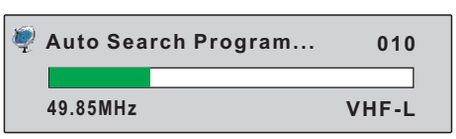
1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Program** menu page.

3 Press **CH ▼** repeatedly to select **Auto Search** item.

4 Press **VOL+** or **ENTER** to store channels in memory automatically.
The unit will begin memorizing all of the available channels.
Note:
*The process of auto memory will be stopped if you press the **MENU** button.*
During the process of auto Search, the unit automatically identifies and stores the program name if the program's name is available. If the program's name is with more than 5 characters, the unit only stores the first 5 characters.





Manual Fine Tuning

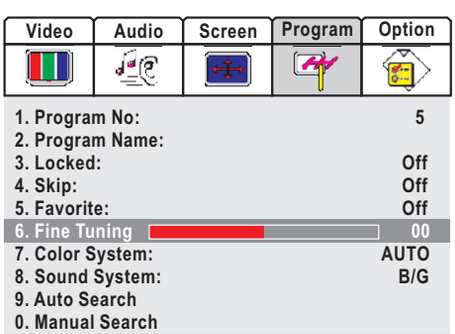
1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Program** menu page.

3 Press **CH ▼** repeatedly to select **Fine Tuning** item.

4 Press **VOL+/-** to fine tune till the best possible picture and sound are obtained.

5 Press **MENU** to exit.

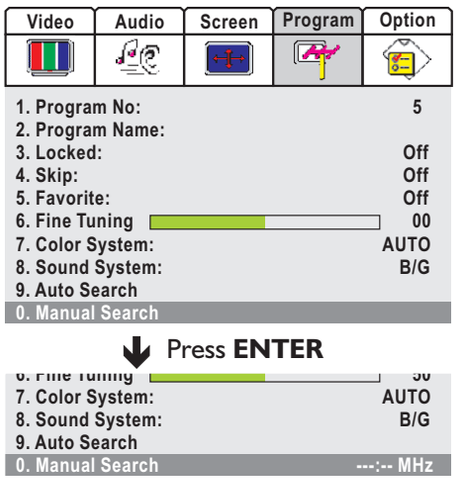


Viewing TV Programs (continued)

Manual Search

Use **Manual Search** if desired channels can not be memorized or if you would like to store programs to specific channel numbers one by one.

1. Use **number buttons** to directly select a channel that you want to perform manual search.
2. Press **MENU** to display the menu main page.
3. Press **VOL+/-** repeatedly to display **Program** menu page.
4. Press **CH▼** repeatedly to select **Manual Search** item.
5. You may press **ENTER** to input a frequency or press **VOL+/-** to search program from current frequency.



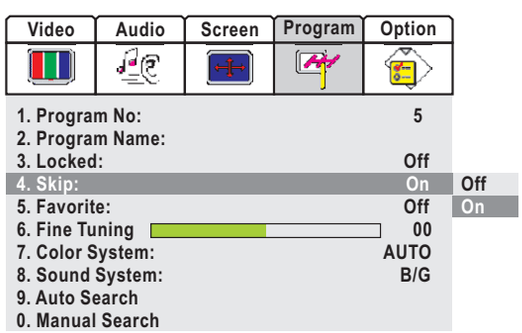
▶ To search program manually by inputting a frequency:
1. Press **ENTER**, the unit allows you to input a frequency.
2. Input the desired frequency by using **0~9 buttons**.
3. Press **ENTER** to confirm and the unit locates to your frequency. If you want to exit, press **MENU** again.

– or –

▶ To search program manually from current frequency:
Pressing **VOL+**, the unit searches towards higher frequency;
Pressing **VOL-**, the unit searches towards lower frequency;
The search stops when a program is found and this program will be stored in current channel.
During the process of manual search, you may control the searching direction by pressing **VOL+** or **VOL-**.

Skipping Channel

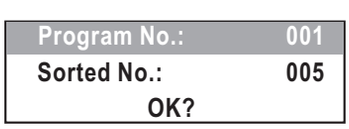
1. Use **number buttons** to directly select a channel that you want to skip.
2. Press **MENU** to display the menu main page.
3. Press **VOL+/-** repeatedly to display **Program** menu page.
4. Press **CH▼** repeatedly to select **Skip** item.
5. Press **VOL+** or **ENTER** to access the sub-menu.
6. Press **CH▲/▼** to select **On** or **Off**.
7. Press **ENTER** to confirm and press **MENU** repeatedly to exit.



When the item is set to on, the selected channel will be skipped.
When the item is set to off, the selected channel will not be skipped.
The skipped channels can not be selected by using the **CH▲/▼** buttons unless you use **number buttons** to input channel number directly.

Editing Channels

The ***edit channels*** function is for you to arrange channel order as you wish.



When viewing single TV screen, press **SWAP** to display **Channel Swap** menu. The current channel number appears in the [Program No.] item.

Press **CH▼** to select **Sorted No.** item.

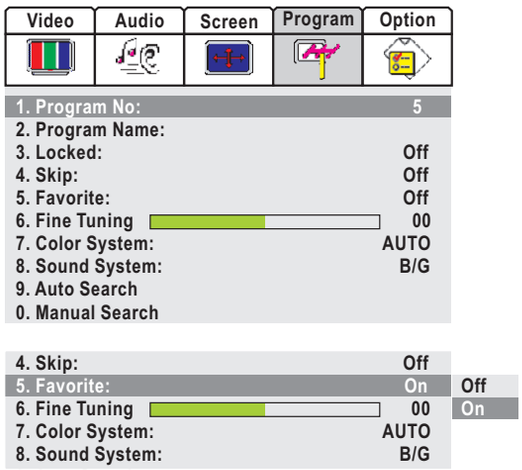
Press **VOL+/-** to select a target channel which is to be exchanged with the current channel.

Press **CH▼** to select and highlight **OK** item.

Press **ENTER** to confirm exchanging contents in current channel and the target channel.

Setting Favorite Channel

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Program** menu page.
3. Press **CH▼** to select **Program No** item.
4. Press **VOL+/-** to select a channel that you want to set as your favorite channel.
5. Press **CH▼** repeatedly to select **Favorite** item.
6. Press **VOL+** or **ENTER** to access the sub-menu.
7. Press **CH▲/▼** to select **On** or **Off**.
8. Press **ENTER** to confirm and press **MENU** repeatedly to exit.

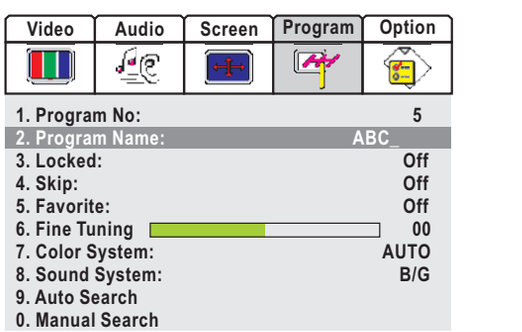


You can repeat the above steps to set more favorite channels so that you can cycle among your favorite channels by pressing the **FAV.** button.

When you are viewing a favorite channel, a " ♥ " icon appears on the screen while pressing the **DSP/CAPS** button.

Editing Program Name

1. Use **number buttons** to directly select a channel you want to edit its name.
2. Press **MENU** to display the menu main page.
3. Press **VOL+/-** repeatedly to display **Program** menu page.
4. Press **CH▼** repeatedly to select **Program Name** item.
5. Press **ENTER** to edit program name.

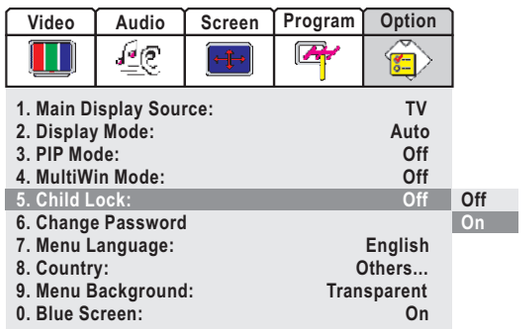


Use **VOL+/-** to move cursor right or left.
Use **0~9 number buttons** to input characters.
Use **DSP/CAPS** to switch between lowercase and UPPERCASE.
Use **CH▼** to delete a character.
After you finish inputting, you may use **ENTER** to confirm and return.
The maximum length of program name is 8 characters.

Button	Character List	Character List while pressing **DSP/CAPS**
0	0 * # ( )	0 * # ( )
1	1 ␣ - . !	1 ␣ - . !
2	2 a b c @	2 A B C @
3	3 d e f #	3 D E F #
4	4 g h i $	4 G H I $
5	5 j k l %	5 J K L %
6	6 m n o ^	6 M N O ^
7	7 p q r &	7 P Q R &
8	8 s t u v	8 S T U V
9	9 w x y z	9 W X Y Z

Locking TV Channels

Setting Locking Function On or Off



1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Option** menu page.

3 Press **CH▼** to select **Child Lock** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select **On** or **Off**.

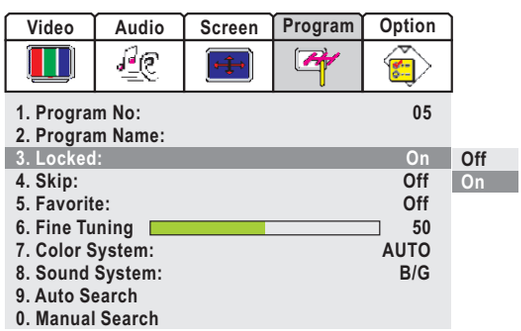
6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

If the [Child Lock] item is set to [On], the unit detects the child lock status for every channels while you changing channels or pressing the **DSP/CAPS** button. If current channel is detected as a locked channel , a " 🔒 " icon appears on the screen, otherwise a " 🔓 " icon appears.

If you set the [Child Lock] item to [On], next time if you want to set the [Child Lock] item to [Off], the unit asks you to input password.

Locking or Unlocking TV Channels

If the [Child Lock] item is set to [On], the unit asks you to input password if you want to access the [Program] menu page.



1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Program** menu page.

3 Press **CH▼** to select **Program No** item.

4 Press **VOL+/-** to select a channel that you want to lock or unlock.

5 Press **CH▼** repeatedly to select **Locked** item.

6 Press **VOL+** or **ENTER** to access the sub-menu.

7 Press **CH▲/▼** to select **On** or **Off**.

8 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

You can repeat the above steps to lock or unlock other channels.

9 **Restart the unit to active your setting.**

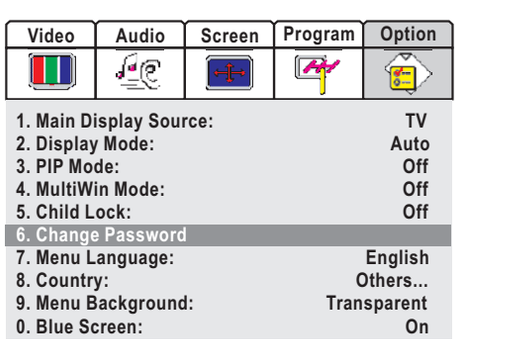
The locking settings may not work unless you restart the unit.

When you select a locked channel, a " 🔒 " icon appears and the screen is blank. In this situation, if you still want to view the locked channel, you may follow these steps to unlock:

1. Press **FREEZE** to display password input page.
2. Enter the password. The default password is "**000000**".

Once the correct password is inputted, the unit allows you to view all locked channels.

Changing Password



1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Option** menu page.

3 Press **CH▼** to select **Change Password** item.

4 Press **ENTER** to confirm.

5 Input the old password.

6 Input the new password.

7 Input the new password again and then the password has been changed successfully.

Old Password: ******

Be sure to write down your password and retain it for future use. If you forget the password, the unit provides a master password as "**962326**" for you to access the locked channels or change password. Please DO NOT let the children know the master password.

Changing Channels

Using the Channel Buttons (CH ▲ or CH ▼)

Press the **CH ▲** or **CH ▼** to change channels.
When you press the **CH ▲** or **CH ▼**, the unit changes channels in sequence. You will see all the channels that the unit has memorized.
You will not see channels that were skipped.

Direct Accessing Channels

Press the number buttons to go directly to a channel.
To select a one-digit channel:
Input the channel number by using the **0-9 number buttons** directly.
To select a two-digit channel:
Press -/-- to display "--" and input the channel number by using the **0-9 number buttons**.
To select a three-digit channel:
Press -/-- to display "---" and input the channel number by using the **0-9 number buttons**.
Note:
When you use the number buttons, You may directly select channels that were skipped.

Using the RETURN ⮌ button

Press this button to switch between the current channel and the previous channel.

Adjusting the Volume

Using the volume buttons (VOL- and VOL+)

Press the **VOL +** or **VOL-** to increase or decrease the volume.

Muting the Sound

Using the MUTE 🔇 button

At any time, you can temporarily turn off the sound using the **MUTE 🔇** button.

1 Press the **MUTE 🔇** button and the sound turns off.

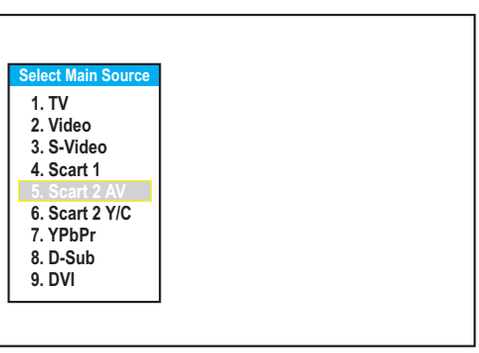
2 To turn mute off, press the **MUTE 🔇** button again.

Select input source signal

1 Press **SOURCE ⮆** to access source select menu.

2 Press **CH ▲ / ▼** to select a desired signal source.
You may directly press the relevant number button to select a desired signal source.

3 Press **ENTER** to confirm.



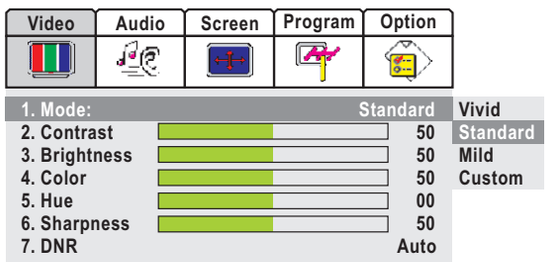
TV----------Select TV signal.
Video ---------- select signal from Video terminal.
S-Video ---------- select signal from S-Video terminal.
SCART1 ----------select signal from 21-PIN SCART 1 interface.
SCART2 AV ----- select signal from 21-PIN SCART 2 interface.
SCART2 Y/C ----select SCART2 Y/C when viewing Y/C signal from 21-PIN SCART 2 interface.
YPbPr---------- select signal from YPbPr or YCbCr terminals.
D-Sub---------- select signal from D-Sub (15-pin D-sub) terminals.
DVI---------- select signal from DVI terminals.

Note:

- *when you select to view program from **SCART2** and find the color is not properly displayed, maybe the unit is receiving a **Y/C** signal. To properly display the picture's color, please select **SCART2 Y/C** instead of **SCART2 AV**.*
- *You may quickly switch from other inputs to TV program by pressing the **number buttons** or **CH ▲ / ▼**.*

Setting Picture

Using the Preset Picture Mode



1 Press **MENU** to display the menu main page.
The [Video] menu page will be highlighted automatically.

2 Press **CH▼** to select **Mode** item.

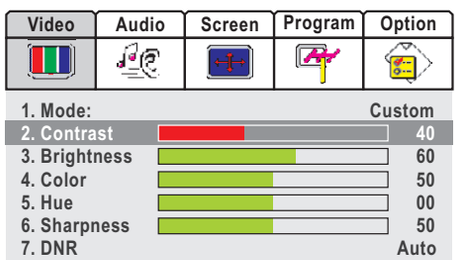
3 Press **VOL+** or **ENTER** to access the sub-menu.

4 Press **CH▲/▼** to select a desired picture mode.

5 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

There are three preset picture modes [Vivid, Standard and Mild] and one user-set picture mode [Custom].
Each preset mode has its own picture settings.
[Vivid]: Select for a bright picture.
[Standard]: Select for a normal picture.
[Mild]: Select for a fine/soft picture.
You may directly use the **P.M** button on the remote control to select a desired picture mode .

Customizing the Picture



1 Press **MENU** to display the menu main page.
The [Video] menu page will be selected automatically.

2 Press **CH▼** to enter the menu and select item with **CH▲** or **CH▼**.

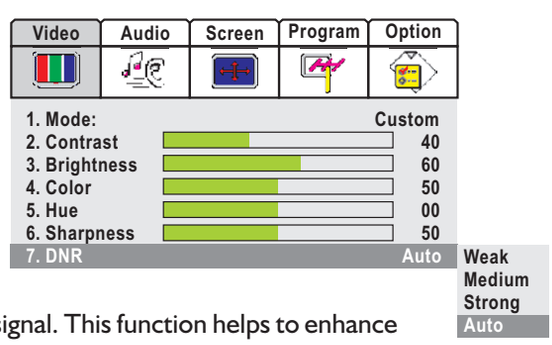
3 Press **VOL+/-** to adjust the value of the item.

4 Press **MENU** to exit.

Adjustment item	Press VOL-	Value range	Press VOL+
Contrast	Decrease contrast	0 – 100	Increase contrast
Brightness	Less bright	0 – 100	More bright
Color	Lower color intensity	0 – 100	Higher color intensity
Hue *	Towards purple	-50 – +50	Towards green
Sharpness	Soft picture	0 – 100	Sharp picture

* *The [Hue] item is for NTSC only.*

Reducing Picture Noise



1 Press **MENU** to display the menu main page.
The [Video] menu page will be selected automatically.

2 Press **CH▼** repeatedly to select the **DNR** item.

3 Press **VOL+** or **ENTER** to access the sub-menu.

4 Press **CH▲/▼** to select.

5 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

Sometimes a noisy picture may appear on the screen because of poor signal. This function helps to enhance the picture quality by reducing the noise.

Freezing picture

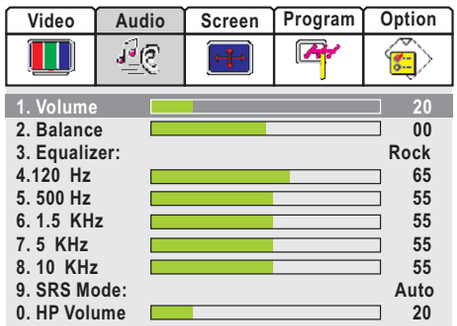
Press the **FREEZE** button to hold on the image on the screen (the video sources still run). Press again to reactivate the image.

Note:
For the sake of protecting the screen, please do NOT freeze a picture for a long time.

Adjusting the Volume

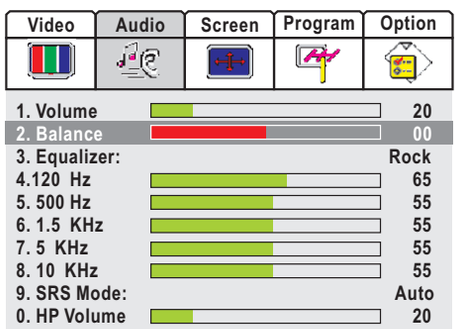
You may quickly adjust the volume by using **VOL+** or **VOL-**. The unit also allows you to adjust volume through OSD menu as follows.

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Audio** menu page.
3. Press **CH▼** to select **Volume** item.
4. Press **VOL+/-** to adjust the volume.
5. Press **MENU** to exit.



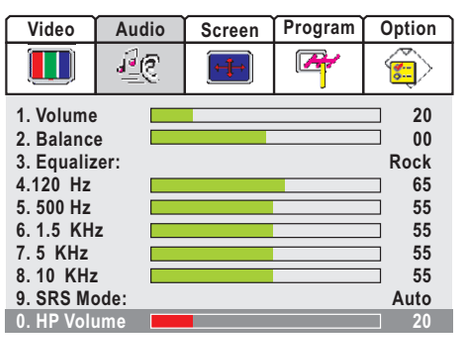
Adjusting the Sound Balance

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Audio** menu page.
3. Press **CH▼** to select **Balance** item.
4. Press **VOL+** to decrease the left speaker volume ;
   Press **VOL-** to decrease the right speaker volume.
5. Press **MENU** to exit.



Adjusting the Headphone Volume

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Audio** menu page.
3. Press **CH▼** to select **HP Volume** item.
4. Press **VOL+/-** to adjust the headphone volume.
5. Press **MENU** to exit.



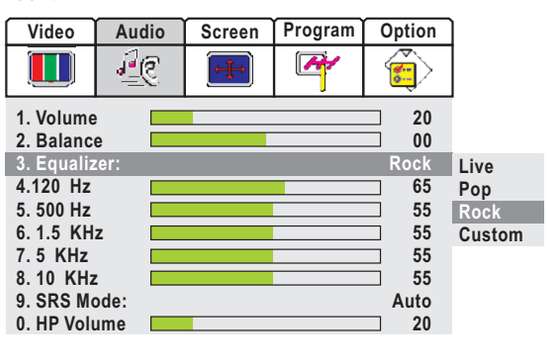
Adjusting Equalizer

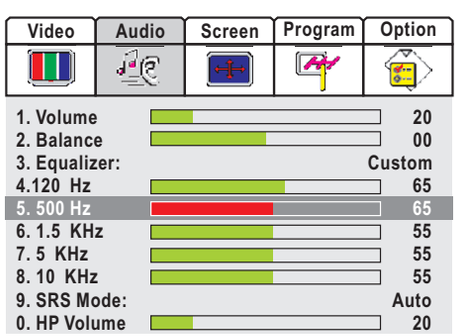
The unit provides a Five-Band Equalizer for you to enjoy a high-quality sound. You may select the three preset sound effects according to different situations or customize the sound effect by yourself.

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Audio** menu page.
3. Press **CH▼** to select **Equalizer** item.
4. Press **VOL+** or **ENTER** to access the sub-menu.
5. Press **CH▲/▼** to select.
   There are three preset sound effects (**Live**, **Pop** and **Rock**) for your choice according to different situations or you may customize the sound effect as follows.
6. Press **ENTER** to confirm.
7. Press **CH▲/▼** repeatedly to select **120Hz**, **500Hz**, **1.5KHz**, **5KHz** or **10KHz**.
8. Press **VOL+/-** to adjust according to your preference.
9. Press **MENU** to exit.

Note:

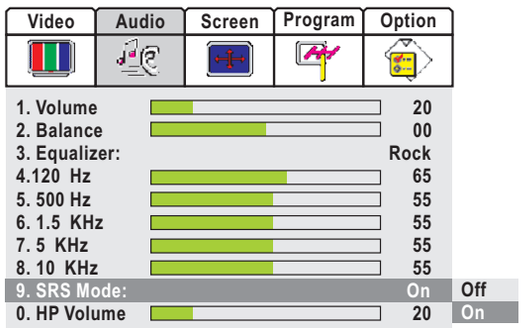
*You may quickly select the preset sound effects by using the **S.M** button.*





Setting Sound (Continued)

Setting SRS effect



1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Audio** menu page.

3 Press **CH▼** to select **SRS Mode** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select **On** or **Off**.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

You may directly use the **SRS** button to turn on or off the SRS effect.

SRS (Sound Retrieval System®) is an audio enhancement technology that restores the spatial cues that are present in a live listening environment and processes it to provide a natural 3D sound field.

* The SRS symbol are trademark of SRS Labs,Inc.
SRS technology is incorporated under license from SRS Labs, Inc.

Note:

*If the [SRS] function is turned on, the [Balance] item can not be accessed and the **Balance** function becomes invalid.*

Stereo/Bilingual Selection

You can quickly select sound multiplex mode by using the **STEREO** button on the remote control.

- **NICAM Broadcast Selection**

This enables the selection of the reception mode when receiving a NICAM signal. To let you enjoy NICAM broadcasting, this TV set receives NICAM system stereo, bilingual, and monaural broadcasts.

Stereo

When the TV set is receiving a stereo broadcast, press the **STEREO** button to select **NICAM Stereo** or **FORCE Mono**. When **Force Mono** is selected, the TV sound is output monaurally.

Bilingual

When the TV set is receiving a bilingual program, press the **STEREO** button to select **NICAM Dual1, NICAM Dual 2** or **Force Mono**.

- **IGR (German stereo system) Broadcasts**

This enables the selection of the reception mode when receiving an IGR signal. To let you enjoy IGR broadcasting, this TV set receives IGR system stereo and bilingual broadcasts.

Stereo

When the TV set is receiving a stereo broadcast, press the **STEREO** button to select **FM/AM Stereo** or **Force Mono**. When **Force Mono** is selected, the TV sound is output monaurally.

Bilingual

When the TV set is receiving bilingual program, press the **STEREO** button to select **FM/AM Dual1** or **FM/AM Dual2**.

Note:

When there is no input signal, the unit mutes the sound automatically, the [Audio] menu page can not be accessed and all operations correlative with audio will be denied.

Setting Color System

1 Press **MENU** to display the menu main page.

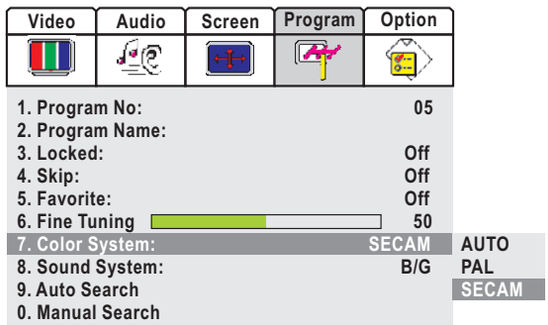
2 Press **VOL+/-** to display **Program** menu page.

3 Press **CH▼** repeatedly to select **Color System** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select a proper color system.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.



Setting Sound System

1 Press **MENU** to display the menu main page.

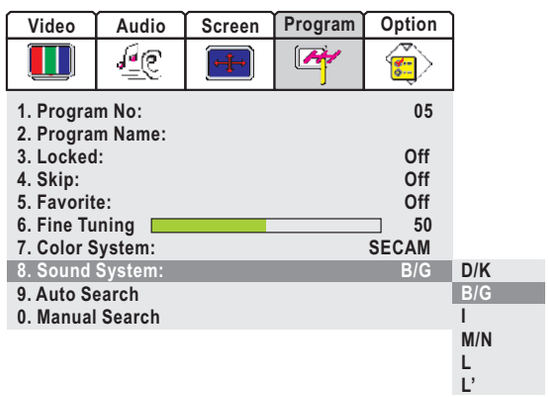
2 Press **VOL+/-** to display **Program** menu page.

3 Press **CH▼** repeatedly to select **Sound System** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select a proper sound system.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.



Changing Screen Aspect Ratio

1 Press **MENU** to display the menu main page.

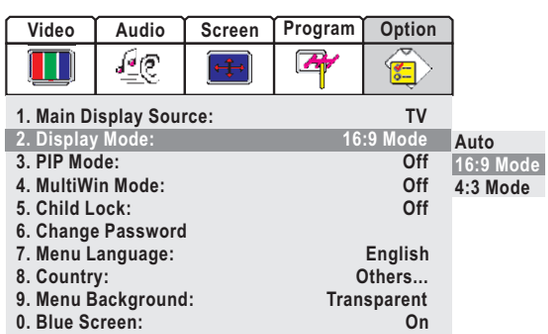
2 Press **VOL+/-** repeatedly to display **Option** menu page.

3 Press **CH▼** repeatedly to select **Display Mode** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select a desired screen ratio.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.



You can select the screen aspect ratio between **Auto, 16:9 Mode** and **4:3 Mode**.
Auto — For the signal input from SCART interface which format can be identified by the unit.
4:3 — For 4:3 signal format. This mode displays a 4:3 picture at its standard 4:3 size without any stretching.
16:9 — For 16:9 signal format. This mode displays a 16:9 aspect ratio picture.

Selecting Menu Language

1 Press **MENU** to display the menu main page.

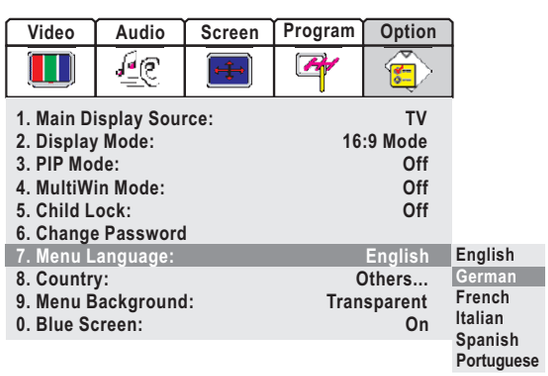
2 Press **VOL+/-** repeatedly to display **Option** menu page.

3 Press **CH▼** repeatedly to select **Menu Language** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select a desired menu language.

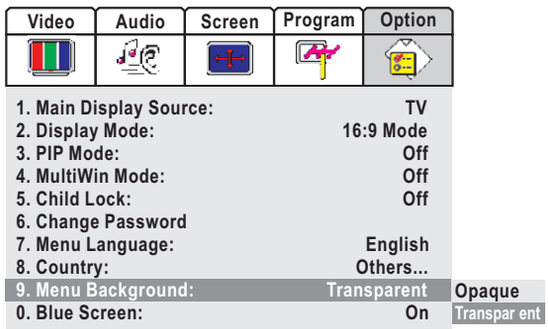
6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.



Setting System (Continued)

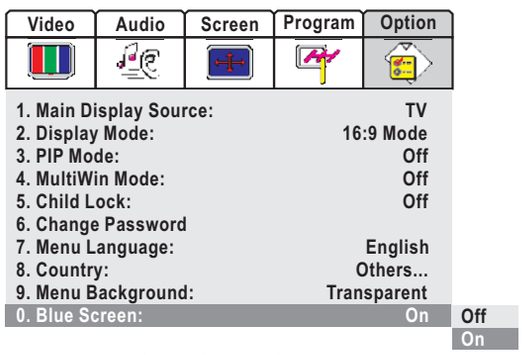
Setting Menu Background

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Option** menu page.
3. Press **CH▼** repeatedly to select **Menu Background** item.
4. Press **VOL+** or **ENTER** to access the sub-menu.
5. Press **CH▲/▼** to select **Transparent** or **Opaque**.
6. Press **ENTER** to confirm and press **MENU** repeatedly to exit.



Setting Blue Screen

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Option** menu page.
3. Press **CH▼** repeatedly to select **Blue Screen** item.
4. Press **VOL+** or **ENTER** to access the sub-menu.
5. Press **CH▲/▼** to select **On** or **Off**.
6. Press **ENTER** to confirm and press **MENU** repeatedly to exit.



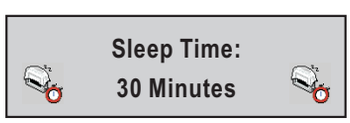
If the [Blue Screen] is set to [On], the unit displays a blue background when there is no input signal.

In TV mode, when there is no input signal for approx. 5 minutes, the TV set auto goes to STANDBY mode.

Setting Sleep Timer

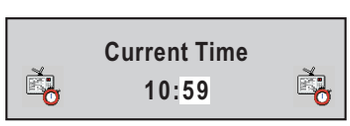
You can quickly set the sleep timer by using the **SLP** button on the remote control. With every press of this button the sleep time changes as follows:

Cancel→15 Min.→30 Min.→45 Min.→60 Min.→90 Min.→120 Min.

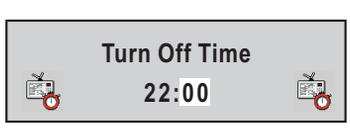


Setting Current Time/Turn Off Timer/Turn On Timer

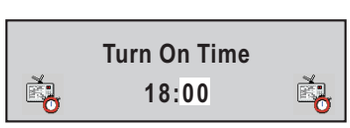
With the unit working, press **TIMER** to display **Current Time** setting menu, which allows you to set **Current Time**. You may use **VOL+/-** to toggle hour or minute and **CH▲/▼** to adjust.



With the **Current Time** menu on the screen, press **TIMER** again to display **Turn Off Time** setting menu, which allows you to set **Turn Off Time**. You may use **VOL+/-** to toggle hour or minute and **CH▲/▼** to adjust.



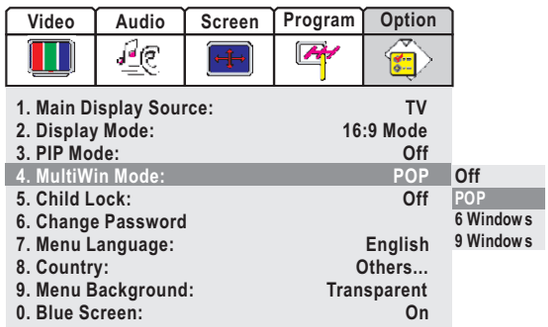
With the **Turn Off Time** menu on the screen, press **TIMER** again to display **Turn On Time** setting menu, which allows you to set **Turn On Time**. You may use **VOL+/-** to toggle hour or minute and **CH▲/▼** to adjust.



Note:

If you want to cancel the Off-Timer or On-Timer function, please set the [Turn Off Time] or [Turn On Time] to [00:00].

Selecting Screen Layout



1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Option** menu page.
3. Press **CH▼** repeatedly to select **MultiWin Mode** item.
4. Press **VOL+** or **ENTER** to access the sub-menu.
5. Press **CH▲/▼** to select **Off**, **POP**, **6 Windows** or **9 Windows**.
6. Press **ENTER** to confirm and press **MENU** repeatedly to exit.

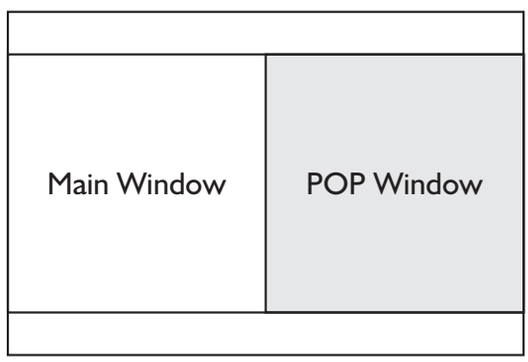
Note:

- *You may quickly select screen layout by using the **M.WIN** button.*
- *When viewing TV program in full screen, the features of [POP], [6 Windows] and [9 Windows] can be accessed;*
- *When viewing Video or S-Video input, the features of [POP] and [6 Windows] can be accessed;*
- *When viewing SCART, YCbCr/YPbPr, D-Sub or DVI input, the features of [POP], [6 Windows] and [9 Windows] can not be accessed.*

POP (Picture-out-Picture)

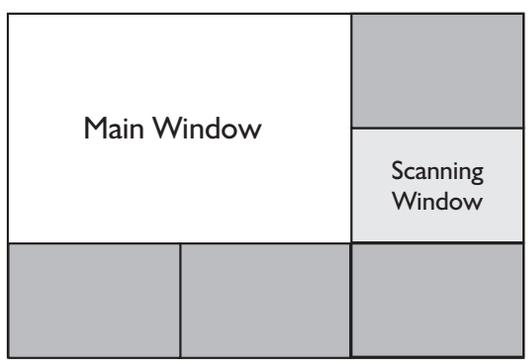
The **POP** (picture-out-picture) feature splits the screen into a double window that allows you to watch two programs at the same time. The main window program can come from a TV broadcast, Video or S-Video input, while the POP window always displays TV program.

Note:
*You may use the **POP** button to quickly turn on or off the POP feature.*



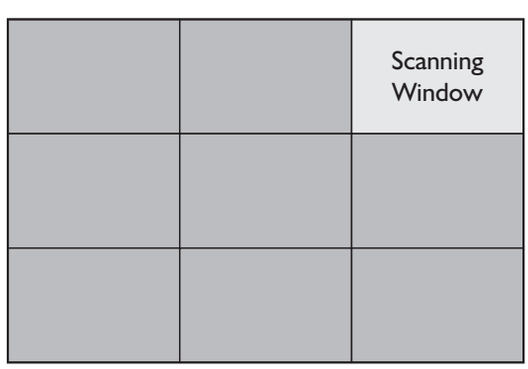
6 Windows

When this item is selected, one main window and five scanning windows display on the screen. The main window program can come from a TV broadcast, Video or S-Video input.



9 Windows

When this item is selected, the screen displays 9 scanning windows. This function enables you to quickly browse all active channel.



PIP Operations

Viewing the Picture-in-Picture

This unit includes a two-tuner Picture-in-Picture (PIP) feature. This allows you to watch two live broadcasts simultaneously, one in the full size "main" picture and one in a smaller "window" picture. The main window program can come from a TV broadcast or other external source, while the PIP window always displays TV program.

1 With the unit working in single full screen, press **MENU** to display the menu main page.

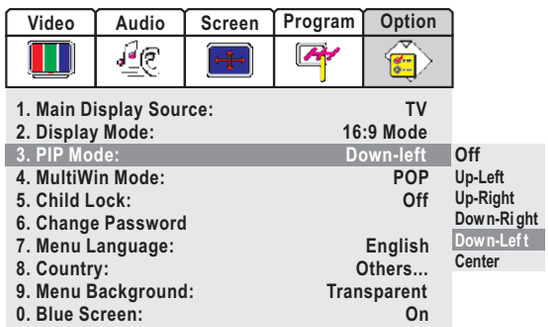
2 Press **VOL+/-** repeatedly to display **Option** menu page.

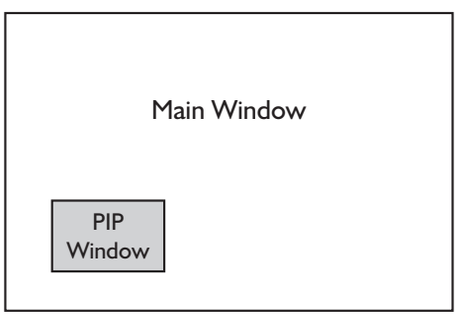
3 Press **CH▼** repeatedly to select **PIP Mode** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select **Off**, **Up-Left**, **Up-Right**, **Down-Right**, **Down-Left** or **Center**.
Off — Turn off PIP feature.
Up-Left — Turn on PIP feature and display the PIP window on up-left corner of the screen.
Up-Right — Turn on PIP feature and display the PIP window on up-right corner of the screen.
Down-Right — Turn on PIP feature and display the PIP window on down-right corner of the screen.
Down-Left — Turn on PIP feature and display the PIP window on down-left corner of the screen.
Center — Turn on PIP feature and display the PIP window on center of the screen.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

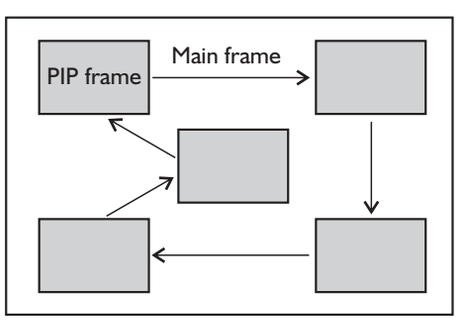




Note:
*You may use the **PIP** button to quickly turn on or off the PIP feature.*

Using the PIP-POS button

Press the **PIP-POS** button to quickly select the position for PIP window.



Using the Active-WIN button

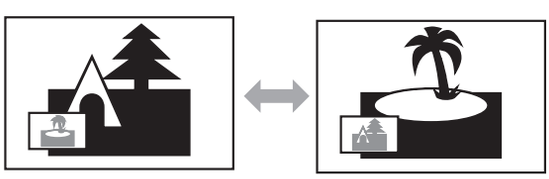
Press this button to select either the main window or PIP window in order to perform some operations for the PIP window individually. The selected PIP window displays with a red border. The unit allows you to apply many operations to the PIP picture such as adjusting volume, changing channels, adjusting picture, locking channels, setting favorite channels.

Note:
- *Many but not all adjustments and settings can be applied to the PIP window when the PIP window is selected.*
- *The PIP audio is only output through the headphone jack.*

Swap the Contents of the PIP Image and Main Image

1 Press the **PIP** button to display the PIP window.

2 Press the **SWAP** button to swap the contents of the PIP window and main window.

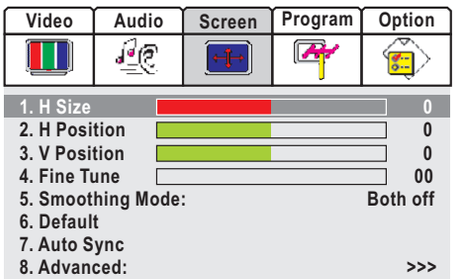


Note:
The SWAP function does not work unless the signal source of the main window is set to TV mode.

With working in D-Sub or DVI mode, this unit allows you to perform many adjustments.

Adjusting Image Horizontal Size

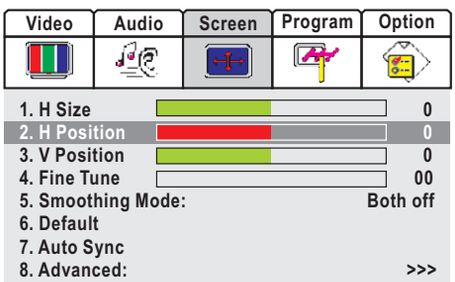
1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Screen** menu page.
3. Press **CH ▼** to select **H Size** item.
4. Press **VOL+/-** to adjust until you are satisfied.
5. Press **MENU** to exit.



Changing the Position of Image

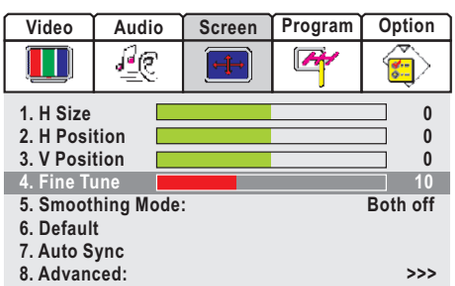
After connecting the unit to your PC, adjust the position of the screen if it is not well-aligned.

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Screen** menu page.
3. Press **CH ▼** to enter the menu and press **CH ▲** or **CH ▼** to select **H Position** or **V Postion**.
4. Press **VOL+/-** to adjust until the picture is well-aligned.
5. Press **MENU** to exit.



Fine Tune

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Screen** menu page.
3. Press **CH ▼** repeatedly to select **Fine Tune**.
4. Press **VOL+/-** to adjust until the picture is well-aligned.
5. Press **MENU** to exit.



You may find that images blur, depending on the clock phase of your PC's Processor. If you experience blurring , you can obtain a clearer image by adjusting the [Fine Tune] item.

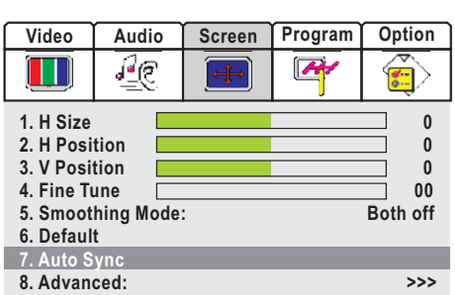
Note:

The [Fine Tune] item can not be accessed in DVI mode.

Adjusting the Screen Automatically

1. Press **MENU** to display the menu main page.
2. Press **VOL+/-** repeatedly to display **Screen** menu page.
3. Press **CH ▼** repeatedly to select **Auto Sync** item.
4. Press **ENTER** to confirm and press **MENU** repeatedly to exit.

You may quickly adjust the screen by using the **STEREO** button directly. The unit automatically adjusts phase, clock or position, etc.



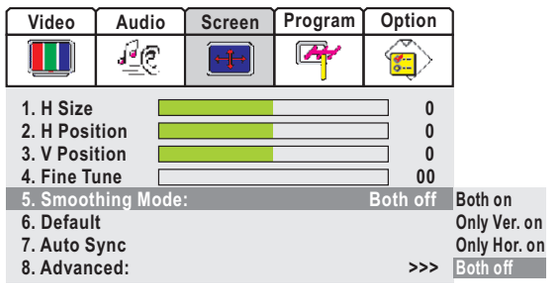
Note:

The [Auto Sync] item can not be accessed unless the unit is in VGA mode.

The "Auto Adjust" function only works in VGA mode.

Adjustment in D-Sub/DVI Mode (continued)

Smoothing the Picture



1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Screen** menu page.

3 Press **CH▼** repeatedly to select **Smoothing Mode** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

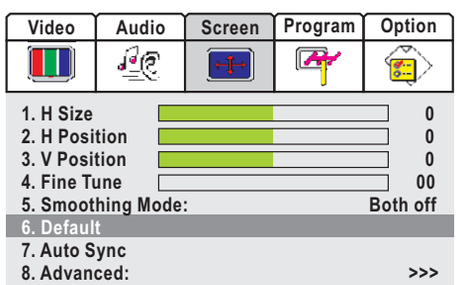
5 Press **CH▲/▼** to select **Both on**, **Only Ver. on**, **Only Hor. on** or **Both off**.

6 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

When the screen displays a picture with a bevel edge, you may find a sawtooth picture on the bevel edge. This function helps to improve the picture quality by smoothing the sawtooth picture.

Both on — Smooth picture in the horizontal and vertical directions;
Only Ver. on — Smooth picture in the vertical direction;
Only Hor. on — Smooth picture in the horizontal direction;
Both off — Turn off this function.

Loading Default Values



1 Press **MENU** to display the menu main page.

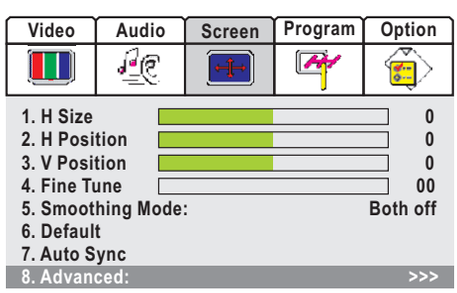
2 Press **VOL+/-** repeatedly to display **Screen** menu page..

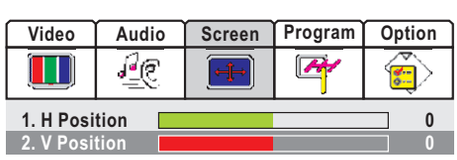
3 Press **CH▼** repeatedly to select **Default** item.

4 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

Advanced Adjustment for Image Position

It is unnecessary to perform advanced adjustment in normal case. In most cases, the [Auto Sync] function is able to adjust and rectify the picture automatically. But, sometimes, if you find that the image position can not be correctly displayed even if you have adjusted the [H Position], [V Position] or [Auto Sync] item, please try to perform advanced adjustment for the image position.





1 Press **MENU** to display the menu main page.

2 Press **VOL+/-** repeatedly to display **Screen** menu page.

3 Press **CH▼** repeatedly to select **Advanced** item.

4 Press **VOL+** or **ENTER** to access the sub-menu.

5 Press **CH▲/▼** to select **H Position** or **V Position** item.

6 Press **VOL+/-** to adjust the image position.

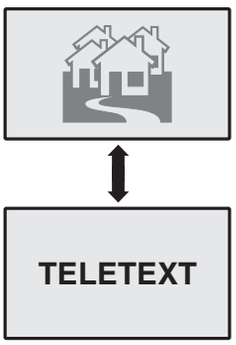
7 Press **ENTER** to confirm and press **MENU** repeatedly to exit.

What Is Teletext?

Teletext broadcasts pages of information and entertainment to specially equipped television sets.
Your System receives Teletext signals broadcast by a TV network, and decodes them into graphical format for viewing. News, weather and sports information, stock exchange prices and programme previews are among the many services available.

Teletext Mode

Teletext is turned on/off with the **TEXT** button on the remote control unit. You can operate your System in Teletext mode directly by inputting commands with the remote control unit.



Turning On or Off Teletext

Select a TV channel providing the Teletext program.
Press the **TEXT** button to display the Teletext with black background.
Press the **TEXT** button again to switch back to TV screen.

Button Functions

CH ▲ or CH ▼
Changing Teletext pages

VOL+ or VOL-
Adjusting volume

MUTE
Muting the sound

Color (RED/GREEN/YELLOW/BLUE)
You can select a group or block of pages displayed in the colored brackets at the bottom of the screen by pressing the corresponding color (RED/GREEN/ YELLOW/ BLUE) on the remote control unit.

0-9
Directly select any page by using 0–9.

MIX
Press this button to display the Teletext on the screen with transparent background while viewing the TV program simultaneously.

REVEAL
Press the button to reveal hidden information such as an answer to a quiz. Press the button again to hide the information.

SIZE
Press the button to expand the top half of the display. Press it again to expand the bottom half of the display. Press it once more to resume normal size.

HOLD
Press the button to stop updating Teletext pages automatically. Press it again to release hold mode.

UPDATE
Press the button to view the updated teletext page.
Display the TV picture on the screen while waiting for the new teletext page. The characters "???" will appear at the top of left corner of the screen. Then you can input a desired page number. When the update page is available, then the characters "???" will change to the page number.

Troubleshooting

Before calling for repair service, check the following items for possible remedies to an encountered symptom.

Symptoms	Check item
"Ghost" or double images	• This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	• Check that the AC power cord is plugged into the mains socket. • Unplug the power cord, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the unit again.
No picture	• Check antenna connections at the rear of the unit to see if it is properly connected to the unit. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. • Select a correct input. • Is a non-compatible signal being input?
Good picture but no sound	• Increase the VOLUME. • Check that the unit is not muted.
Good sound but poor color	• Adjust the contrast, color and brightness settings.
Poor picture	• Sometimes, poor picture quality occurs when having activated an S-VHS camera or camcorder connected and having connected another peripheral at the same time. In this case, switch off one of the other peripherals. • Check whether the room is too bright
Horizontal dotted line	• This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.) • Turn off the equipment.
Television not responding to remote control	• Check whether the batteries are working. Replace if necessary. • Clean the remote control sensor lens on the unit. • Do not use the remote control under strong or fluorescent lighting. • The batteries should be inserted with polarity (+, -) aligned.
Snowy picture and noise	• Check the antenna connection.
No stable or not synchronized D-Sub picture	• Check if you have selected the correct D-Sub mode in your PC.
No output from one of the speakers	• Adjust Balance in the **Audio** menu.

Note:
If your problem is not solved, restart your TV by turning it off and then on again once.
Never attempt to repair a defective TV yourself.

Type		LCD TV	
Display Size diagonal		27 ”	
Display Feature			
LCD panel		TFT-LCD	
Resolution		1280 x 720	
Pixel Pitch		0.51mm x 0.51mm	
Maximum Colors		16,700,000	
Brightness		550 nits	
Contrast		600:1	
Viewing Angle		170°/170°	
Response Time		≤25 ms	
TV System		PAL/SECAM BG, DK, PAL-I, SECAM-L, SECAM-L’,	
Channel Coverage			
System	VHF	UHF	CATV
PAL-D/K	1-12	13-57	Z1～Z37
PAL-B/G	2-12	21-69	X～Z+2, S1～S41
PAL-I	2-12	21-69	
SECAM-B/G	2-12	21-69	X～Z+2, S1～S41
SECAM-D/K	1-12	21-69	
SECAM-L’	2-4		
SECAM-L	5-12	21-69	X～Z C57, S1～S41
Teletext		TOP/FLOF TELETEXT	
Maximum Audio Output		7W x 2	
Power Supply		220-240V AC 50Hz	
Power Consumption		140 W	
Unit Weight (kg)		19	
Unit Dimensions (WxHxD) (mm)		808 x 523 x 211	
Terminals			
Video In		RF: TV/CATV 75ohms coaxial x 1	
		D-Sub x 1, DVI-D x1	
		YPbPr/YCbCr (support HDTV): RCA 75ohms x 1	
		Video RCA 75ohms x 1	
		S-Video x 1	
Audio In		3.5mm Stereo mini phone Jack for D-Sub x1	
		3.5mm Stereo mini phone Jack for DVI-D x1	
		L/R RCA for YPbPr/YCbCr x1	
		L/R RCA for Video In x1	
Others		21-pin Euro-Scart x 2	
		Headphone: 3.5mm Stereo mini phone Jack	

Specifications (Continued)

Supported Display Format:

D-Sub/DVI-D :	1024 x768 @ 75Hz, 70Hz, 60Hz	800 x 600 @ 85Hz, 75Hz, 72Hz, 60Hz
	720 x 400 @ 70 Hz	640 x 480 @ 75Hz, 60Hz
YPbPr :	480P @ 50Hz, 60Hz	480i @ 50Hz, 60Hz
	720P @ 60Hz	
	1080i @ 50Hz, 60Hz	

Accessories

Standard Accessories:
- 1 User Manual
- 1 AC Power Cord
- 1 Remote Control
- 2 AAA Batteries
- 1 Audio/Video Cable (RCA)
- 1 D-Sub Cable
- 1 RF Coaxial Cable

Optional Accessories:
- 1 S-Video Cable
- 1 Component-Video Cable (YPbPr/YCbCr)
- 1 Audio Cable (RCA)
- 1 Audio Cable (RCA to Stereo mini phone Jack)

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